03-13-00 EXPRESS MAIL NO. EJ663354726US olicant's Guide - Volume II - National Cha US 520 Recd PeriPio U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK 15280-368200US TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) 508552 CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE: PRIORITY DATE CLAIMED PCT/US98/19028 ~ September 1998 / 11 September 1997 TITLE OF INVENTION MUCOSAL CYTOTOXIC T LYMPHOCYTE RESPONSES/ APPLICANT(S) FOR DOMEOUS Jay A. Berzofsky, Igor M. Belyakov, Michael A. Derby Brian L. Kelsall, Warren Strober Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. X A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 0 A copy of the International Application as filed (35 U.S.C. 371(c)(2)) PF LTI Y is transmitted herewith (required only if not transmitted by the International Bureau) Ŭ. un Lff Ø 'n

	b. As been transmitted by the International Bureau.	/0
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).	MAR 0 9 2
6.	A translation of the International Application into English (35 U.S.C. 371(c)(2)).	/ ,,,,,,
7. X	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	THE .
	 a. are transmitted herewith (required only if not transmitted by the International Bureau). 	TRAD
	b. have been transmitted by the International Bureau.	
	 a have not been made; however, the time limit for making such amendments has NOT expired. 	
	d. X have not been made and will not be made.	
8.	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
0.	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Item:	s 11. to 16. below concern document(s) or information included:	
ı. [An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
2.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.3	1 is included.
3.	A FIRST preliminary amendment.	
	A SECOND or SUBSEQUENT preliminary amendment.	
4.	A substitute specification.	
5. 🗀	A change of power of attorney and/or address letter.	
6. [Other items or information:	
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17. M. The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nogr international search fee (37 CFR 1.445(a)(2)) paid to USPTO									
and Internatio	nal Search Repor	t not prepa	ared by the EPO or JPO	\$970.00			*		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO									
International p but internation	preliminary exam nal search fee (37								
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)									
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)									
	ENTER A	APPRO	PRIATE BASIC FEE AM	IOUNT =	s	840			
urcharge of \$130.00 for furnishing the oath or declaration later than 20 X 30 tooths from the earliest claimed priority date (37 CFR 1.492(e)).						130			
CLAIMS	NUMBER FI		NUMBER EXTRA	RATE					
otal claims	69	- 20 =	49	X \$18.00	S	882			
dependent claims	3	- 3 =	0	X \$78.00	s	0			
MULTIPLE DEPE	ENDENT CLAIM(+ \$260.00	S				
		UIAL	OF ABOVE CALCULAT	IONS =	S				
teduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement ust also by filed (Note 37 CFR 1.9, 1.27, 1.28).									
			SUBT	OTAL =	S				
rocessing fee of \$130.00 for furnishing the English translation later than onths from the earliest claimed priority date (37 CFR 1.492(f)).									
TOTAL NATIONAL FEE =					\$				
te for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be companied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				s					
TOTAL FEES ENCLOSED =					S				
					Am	ount to be: refunded	S		
						charged	1,852		
h A check in the amount of S to cover the above fees is enclosed.									
Please c A duplic	harge my Deposit cate copy of this s	t Account heet is en	No. <u>20–1430</u> in the a	amount of \$_1,	852	to cove	er the above fees.		
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-1430. A duplicate copy of this sheet is enclosed.									
NOTE: Where an appropriate time limit under 37 CFR 1,494 or 1,495 has not been met, a petition to revive (37 CFR									
1.137(a) or (b)) must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO:							_		
Jeffrey King							10		
Townsend and Townsend and Crew									
2 Embarcadero Center, 8th Floor Jeffrey J. King									
San Francisco, CA 94111 NAME									
. 38,									
REGISTRATION NUMBER									
							1		

March 7, 2000

International Publication No.: WO 99/12563

International Publication Date: 18 March 1999 (18.03.99)

International Application No.: PCT/US98/19028

International Filing Date: 11 September 1998 (11.09.98)

Applicant: THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as

represented by the Department of Health and Human Services

For: MUCOSAL CYTOTOXIC T LYMPHOCYTE RESPONSES

It is believed that the content of the paper copy of the sequence listing and the computer readable form of the sequence listing are the same. Further, the present submission of the computer disk comprising the paper copy of the sequence listing is not believed to include matter which goes beyond the disclosure in the international application as filed.

Respectfully submitted,

Dated: 3/9/00

Jeffrey J. King

TOWNSEND and TOWNSEND and CREW Two Embarcadero Center, 8th Floor San Francisco, California 94111 (206) 467-9600

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"Express Mail" Label No. EJ663. US Date of Deposit MOUCH 9,000 Attorney Pocket No.: 015280-368200US

514 Rec'd PCT/PTO 0 9 MAR 2000

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Address" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Assistant Commissioner for Patents Washington, D.C. 20231

By Vin M. Hopley

In re application of Jay A. Berzofsky, Igor M. Belyakov, Michael A. Derby, Brian L. Kelsall, Warren Strober

Application No. Not Assigned

Filing Date: March 8, 2000

International Application No. PCT/US98/19028

International Filing Date: 11 September 1998

For: MUCOSAL CYTOTOXIC T LYMPHOCYTE RESPONSES

Enclosures: Transmittal Letter, International Search Report, Written Opinion, International Preliminary Examination Report, WO 99/12563, Sequence Listing on diskette

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